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| 2003 search engines weight scoring relevance | **SEARCH** |

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**1   Web search 2: A study of relevance propagation for web search**                    ■

Tao Qin, Tie-Yan Liu, Xu-Dong Zhang, Zheng Chen, Wei-Ying Ma

August 2005 **Proceedings of the 28th annual international ACM SIGIR conference on Research and development in information retrieval SIGIR '05**
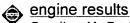
**Publisher:** ACM Press

Full text available: 🗎 pdf(391.03 KB)    Additional Information: full citation, abstract, references, index terms

> Different from traditional information retrieval, both content and structure are critical to the success of Web information retrieval. In recent years, many relevance propagation techniques have been proposed to propagate content information between web pages through web structure to improve the performance of web search. In this paper, we first propose a generic relevance propagation framework, and then provide a comparison study on the effectiveness and efficiency of various representative pro ...

> **Keywords**: hyperlink based score propagation, hyperlink based term propagation, relevance propagation, sitemap based score propagation, sitemap based term propagation

**2   Coverage, relevance, and ranking: The impact of query operators on Web search engine results**                    ■

Caroline M. Eastman, Bernard J. Jansen

October 2003 **ACM Transactions on Information Systems (TOIS)**, Volume 21 Issue 4

**Publisher:** ACM Press

Full text available: 🗎 pdf(373.50 KB)    Additional Information: full citation, abstract, references, citings, index terms, review

> Research has reported that about 10&percnt; of Web searchers utilize advanced query operators, with the other 90&percnt; using extremely simple queries. It is often assumed that the use of query operators, such as Boolean operators and phrase searching, improves the effectiveness of Web searching. We test this assumption by examining the effects of query operators on the performance of three major Web search engines. We selected one hundred queries from the transaction log of a Web search servic ...

> **Keywords**: Boolean operators, Relative precision, Web results, coverage, query operators, ranking, search engines

### 3  A semisupervised learning method to merge search engine results

Luo Si, Jamie Callan

October 2003 **ACM Transactions on Information Systems (TOIS)**, Volume 21 Issue 4

**Publisher:** ACM Press

Full text available: pdf(463.96 KB)     Additional Information: full citation, abstract, references, citings, index terms

The proliferation of searchable text databases on local area networks and the Internet causes the problem of finding information that may be distributed among many disjoint text databases (*distributed information retrieval*). How to merge the results returned by selected databases is an important subproblem of the distributed information retrieval task. Previous research assumed that either resource providers cooperate to provide normalizing statistics or search clients download all retrie ...

**Keywords**: Distributed information retrieval, resource ranking, resource selection, results merging, semisupervised learning method, server selection

### 4  The use of dynamic contexts to improve casual internet searching

Gondy Leroy, Ann M. Lally, Hsinchun Chen

July 2003 **ACM Transactions on Information Systems (TOIS)**, Volume 21 Issue 3

**Publisher:** ACM Press

Full text available: pdf(231.61 KB)   Additional Information: full citation, abstract, references, index terms

Research has shown that most users' online information searches are suboptimal. Query optimization based on a relevance feedback or genetic algorithm using dynamic query contexts can help casual users search the Internet. These algorithms can draw on implicit user feedback based on the surrounding links and text in a search engine result set to expand user queries with a variable number of keywords in two manners. Positive expansion adds terms to a user's keywords with a Boolean "and," negative ...

**Keywords**: Information retrieval, Internet, automatic query expansion, genetic algorithm, implicit user feedback, personalization, relevance feedback

### 5  Opening session: Scaling IR-system evaluation using term relevance sets

Einat Amitay, David Carmel, Ronny Lempel, Aya Soffer

July 2004 **Proceedings of the 27th annual international ACM SIGIR conference on Research and development in information retrieval SIGIR '04**

**Publisher:** ACM Press

Full text available: pdf(294.60 KB)     Additional Information: full citation, abstract, references, citings, index terms

This paper describes an evaluation method based on Term Relevance Sets *Trels* that measures an IR system's quality by examining the content of the retrieved results rather than by looking for pre-specified relevant pages. Trels consist of a list of terms believed to be relevant for a particular query as well as a list of irrelevant terms. The proposed method does not involve any document relevance judgments, and as such is not adversely affected by changes to the underlying collection. The ...

**Keywords**: IR-system evaluation, keywords, trels, web search evaluation

### 6  Research session: new applications: The SphereSearch engine for unified ranked retrieval of heterogeneous XML and web documents

Jens Graupmann, Ralf Schenkel, Gerhard Weikum

August 2005 **Proceedings of the 31st international conference on Very large data**

**bases VLDB '05**
**Publisher:** VLDB Endowment
Full text available: pdf(381.86 KB)    Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

> This paper presents the novel SphereSearch Engine that provides unified ranked retrieval on heterogeneous XML and Web data. Its search capabilities include vague structure conditions, text content conditions, and relevance ranking based on IR statistics and statistically quantified ontological relationships. Web pages in HTML or PDF are automatically converted into XML format, with the option of generating semantic tags by means of linguistic annotation tools. For Web data the XML-oriented query ...

**7**   <u>Research session: DB and IR #1: An efficient and versatile query engine for TopX search</u>   ■

Martin Theobald, Ralf Schenkel, Gerhard Weikum
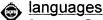August 2005   **Proceedings of the 31st international conference on Very large data bases VLDB '05**
**Publisher:** VLDB Endowment
Full text available: pdf(442.21 KB)    Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

> This paper presents a novel engine, coined *TopX*, for efficient ranked retrieval of XML documents over semistructured but nonschematic data collections. The algorithm follows the paradigm of threshold algorithms for top-k query processing with a focus on inexpensive sequential accesses to index lists and only a few judiciously scheduled random accesses. The difficulties in applying the existing top-k algorithms to XML data lie. in 1) the need to consider scores for XML elements while aggreg ...

**8**   <u>Comparative study of monolingual and multilingual search models for use with asian languages</u>   ■

Jacques Savoy
June 2005   **ACM Transactions on Asian Language Information Processing (TALIP)**, Volume 4 Issue 2
**Publisher:** ACM Press
Full text available: pdf(292.50 KB)    Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

> Based on the NTCIR-4 test-collection, our first objective is to present an overview of the retrieval effectiveness of nine vector-space and two probabilistic models that perform monolingual searches in the Chinese, Japanese, Korean, and English languages. Our second goal is to analyze the relative merits of the various automated and freely available toolsto translate the English-language topics into Chinese, Japanese, or Korean, and then submit the resultant query in order to retrieve pertinent ...

> **Keywords**: Chinese language, Japanese language, Korean language, Multilingual information retrieval, cross-language information retrieval, natural language processing with Asian languages, results-merging, search engines with Asian languages

**9**   <u>Web search 2: Relevance weighting for query independent evidence</u>   ■

Nick Craswell, Stephen Robertson, Hugo Zaragoza, Michael Taylor
August 2005   **Proceedings of the 28th annual international ACM SIGIR conference on Research and development in information retrieval SIGIR '05**
**Publisher:** ACM Press
Full text available: pdf(884.53 KB)    Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

> A query independent feature, relating perhaps to document content, linkage or usage, can be transformed into a static, per-document relevance weight for use in ranking. The challenge is to find a good function to transform feature values into relevance scores. This paper presents FLOE, a simple density analysis method for modelling the shape of the

transformation required, based on training data and without assuming independence between feature and baseline. For a new query independent feature, ...

**Keywords**: probabilistic IR, ranking, web search

10  Effect of different network analysis strategies on search engine re-ranking
Behnak Yaltaghian, Mark H. Chignell
October 2004 **Proceedings of the 2004 conference of the Centre for Advanced Studies
on Collaborative research**
**Publisher:** IBM Press
Full text available: pdf(253.28 KB)    Additional Information: full citation, abstract, references, index terms

The research described in this paper examined two different approaches to building the co-citation network that the authors have used in re-ranking the set of results returned by a search engine [22, 23]. The more computationally demanding (in terms of query load) Inter- or Web-wide co-citation approach used in-links from throughout the Web to build the network. In contrast, the Intra co-citation approach only used inlinks inferred from search engine output. Results of this study confirmed th ...

11  Distributed: Modeling search engine effectiveness for federated search
Luo Si, Jamie Callan
August 2005 **Proceedings of the 28th annual international ACM SIGIR conference on
Research and development in information retrieval SIGIR '05**
**Publisher:** ACM Press
Full text available: pdf(266.94 KB)    Additional Information: full citation, abstract, references, index terms

Federated search links multiple search engines into a single, virtual search system. Most prior research of federated search focused on selecting search engines that have the most relevant contents, but ignored the retrieval effectiveness of individual search engines. This omission can cause serious problems when federating search engines of different qualities.This paper proposes a federated search technique that uses utility maximization to model the retrieval effectiveness of each search engi ...

**Keywords**: model search engine effectiveness

12  User studies: Personalizing search via automated analysis of interests and activities
Jaime Teevan, Susan T. Dumais, Eric Horvitz
August 2005 **Proceedings of the 28th annual international ACM SIGIR conference on
Research and development in information retrieval SIGIR '05**
**Publisher:** ACM Press
Full text available: pdf(132.80 KB)    Additional Information: full citation, abstract, references, index terms

We formulate and study search algorithms that consider a user's prior interactions with a wide variety of content to personalize that user's current Web search. Rather than relying on the unrealistic assumption that people will precisely specify their intent when searching, we pursue techniques that leverage implicit information about the user's interests. This information is used to re-rank Web search results within a relevance feedback framework. We explore rich models of user interests, built ...

**Keywords**: adaptive interfaces, personalized search, web search tools

13  Query result processing: Adaptive web search based on user profile constructed without any effort from users
Kazunari Sugiyama, Kenji Hatano, Masatoshi Yoshikawa

May 2004 **Proceedings of the 13th international conference on World Wide Web**
Publisher: ACM Press

Full text available: pdf(311.96 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>, <u>review</u>

Web search engines help users find useful information on the World Wide Web (WWW). However, when the same query is submitted by different users, typical search engines return the same result regardless of who submitted the query. Generally, each user has different information needs for his/her query. Therefore, the search result should be adapted to users with different information needs. In this paper, we first propose several approaches to adapting search results according to each user's need ...

**Keywords**: WWW, information retrieval, user modeling

## 14 Shape-based retrieval and analysis of 3D models

Thomas Funkhouser, Michael Kazhdan
August 2004 **Proceedings of the conference on SIGGRAPH 2004 course notes GRAPH '04**
Publisher: ACM Press
Full text available: pdf(12.56 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>

Large repositories of 3D data are rapidly becoming available in several fields, including mechanical CAD, molecular biology, and computer graphics. As the number of 3D models grows, there is an increasing need for computer algorithms to help people find the interesting ones and discover relationships between them. Unfortunately, traditional text-based search techniques are not always effective for 3D models, especially when queries are geometric in nature (e.g., find me objects that fit into thi ...

## 15 Information access and retrieval (IAR): Video information retrieval using objects and ostensive relevance feedback

Paul Browne, Alan F. Smeaton
March 2004 **Proceedings of the 2004 ACM symposium on Applied computing**
Publisher: ACM Press
Full text available: pdf(609.12 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>

In this paper, we present a brief overview of current approaches to video information retrieval (IR) and we highlight its limitations and drawbacks in terms of satisfying user needs. We then describe a method of incorporating object-based relevance feedback into video IR which we believe opens up new possibilities for helping users find information in video archives. Following this we describe our own work on shot retrieval from video archives which uses object detection, object-based relevance ...

## 16 Oral session 1: image/video/learning: Mutual relevance feedback for multimodal query formulation in video retrieval

Arnon Amir, Marco Berg, Haim Permuter
November 2005 **Proceedings of the 7th ACM SIGMM international workshop on Multimedia information retrieval MIR '05**
Publisher: ACM Press
Full text available: pdf(743.31 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

Video indexing and retrieval systems allow users to find relevant video segments for a given information need. A multimodal video index may include speech indices, a text-from-screen (OCR) index, semantic visual concepts, content-based image features, audio features and more. Formulating an efficient multimodal query for a given information need is much less intuitive and more challenging for the user than of composing a text query in document search. This paper describes a video retrieval syste ...

**Keywords**: NIST TRECVID, multimedia, multimodal search, query formulation, query refinement, relevance feedback, video retrieval

**17** Internet and WWW-based systems: Autonomous visual model building based on image crawling through internet search engines

Xiaodan Song, Ching-Yung Lin, Ming-Ting Sun

October 2004 **Proceedings of the 6th ACM SIGMM international workshop on Multimedia information retrieval**
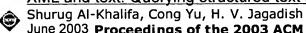
Publisher: ACM Press

Full text available: pdf(575.15 KB)    Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

In this paper, we propose an autonomous learning scheme to automatically build visual semantic concept models from the output data of Internet search engines without any manual labeling work. First of all, images are gathered by crawling through the Internet using a search engine such as Google. Then, we model the search results as "Quasi-Positive Bags" in the Multiple-Instance Learning (MIL) framework. We call this generalized MIL (GMIL). We propose an algorithm called "Bag K-Means" to find ...

**Keywords**: automatic training, content-based image retrieval, cross-modality, image crawling, multiple-instance learning, quasi-positive bag, uncertain labeling density

**18** XML and text: Querying structured text in an XML database

Shurug Al-Khalifa, Cong Yu, H. V. Jagadish

June 2003 **Proceedings of the 2003 ACM SIGMOD international conference on Management of data**
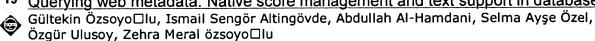
Publisher: ACM Press

Full text available: pdf(242.55 KB)    Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

XML databases often contain documents comprising structured text. Therefore, it is important to integrate "information retrieval style" query evaluation, which is well-suited for natural language text, with standard "database style" query evaluation, which handles structured queries efficiently. Relevance scoring is central to information retrieval. In the case of XML, this operation becomes more complex because the data required for scoring could reside not directly in an element itself but als ...

**19** Querying web metadata: Native score management and text support in databases

Gültekin Özsoyo☐lu, Ismail Sengör Altingövde, Abdullah Al-Hamdani, Selma Ayşe Özel, Özgür Ulusoy, Zehra Meral özsoyo☐lu

December 2004 **ACM Transactions on Database Systems (TODS)**, Volume 29 Issue 4

Publisher: ACM Press

Full text available: pdf(737.76 KB)    Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

In this article, we discuss the issues involved in adding a native score management system to object-relational databases, to be used in querying Web metadata (that describes the semantic content of Web resources). The Web metadata model is based on topics (representing entities), relationships among topics (called *metalinks*), and importance scores (sideway values) of topics and metalinks. We extend database relations with scoring functions and importance scores. We add to SQL score-manag ...

**Keywords**: Score management for Web applications

**20** Summary in context: Searching versus browsing

Daniel M. McDonald, Hsinchun Chen
January 2006 **ACM Transactions on Information Systems (TOIS)**, Volume 24 Issue 1
**Publisher:** ACM Press
Full text available: pdf(530.99 KB)   Additional Information: full citation, abstract, references, index terms

The use of text summaries in information-seeking research has focused on query-based summaries. Extracting content that resembles the query alone, however, ignores the greater context of the document. Such context may be central to the purpose and meaning of the document. We developed a generic, a query-based, and a hybrid summarizer, each with differing amounts of document context. The generic summarizer used a blend of discourse information and information obtained through traditional surface- ...

**Keywords**: Summarization, browse, generic summaries, indicative summaries, information seeking, natural language processing, search, text processing

Results 1 - 20 of 200          Result page: **1**  2  3  4  5  6  7  8  9  10    next

# WEST Search History

| Hide Items | Restore | Clear | Cancel |

DATE: Monday, May 22, 2006

| Hide? | Set Name | Query | Hit Count |
|---|---|---|---|
| | | *DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ* | |
| ☐ | L77 | L76 and (category near5 weight$3) | 3 |
| ☐ | L76 | L75 and (weight$3 near5 value$1) | 37 |
| ☐ | L75 | l74 and (weight$3 near5 search$3) | 55 |
| ☐ | L74 | (rank$3 and search$3 and engine$1 and query$3 and relevance and value$1 and scor$3 and estimat$3) and @py<=2004 | 296 |
| ☐ | L73 | L72 and estimat$3 | 4 |
| ☐ | L72 | L71 and (relevance near5 algorithm$1) | 7 |
| ☐ | L71 | (multiple) same (search near5 engines) and (rank$3 same sort$3) and @py<=2003 | 67 |
| ☐ | L70 | (rank$3 same sort$3) and (search near5 engine$1) and (estimat$3 near5 values) and (estimat$3 near5 relevance) and @py<=2004 | 3 |
| ☐ | L69 | (rank$3 same sort$3) and (search near5 engine$1) and (estimat$3 near5 values) and (estimat$3 near5 relevance) and @py<=2003 | 2 |
| ☐ | L68 | L66 and ((relevance near5 values) same (search near5 result$1)) | 1 |
| ☐ | L67 | L66 and (relevance neaer5 values) | 0 |
| ☐ | L66 | L65 and rank$3 | 116 |
| ☐ | L65 | 'search engines'.ti. and @py<=2003 | 844 |
| ☐ | L64 | L63 and estimat$3 | 8 |
| ☐ | L63 | L62 and algorithm$1 and statistical | 11 |
| ☐ | L62 | L61 and (merg$3 or combin$3) | 19 |
| ☐ | L61 | L60 and weight$1 and relevance and values | 23 |
| ☐ | L60 | L59 and rank$3 and sort$3 | 57 |
| ☐ | L59 | L58 and @py<=2003 | 917 |
| ☐ | L58 | (search and engines).ti. | 1503 |
| ☐ | L57 | L56 and rank$3 and sort$3 | 3 |
| ☐ | L56 | L55 and weight$1 | 22 |
| ☐ | L55 | (search near5 engines) and (curve near5 fitting) and @py<=2003 | 41 |
| ☐ | L54 | L53 and (query near5 rank$3) | 10 |
| ☐ | L53 | L52 and relevance | 10 |
| ☐ | L52 | L51 and (sort$3 same weight$3) | 12 |
| ☐ | L51 | (search and engines and rank$3).ti,ab. and @py<=2003 | 164 |

| | | | |
|---|---|---|---|
| ☐ | L50 | (search and engines and regression).ti,ab. and @py<=2003 | 1 |
| ☐ | L49 | (search and engines and relevance and rank$3 and regression).ti,ab. and @py<=2003 | 0 |
| ☐ | L48 | (search and engines and relevance and rank$3 and regresion).ti,ab. and @py<=2003 | 0 |
| ☐ | L47 | L45 and (regression near5 analysis) | 0 |
| ☐ | L46 | L45 and (fitting near5 curves) | 1 |
| ☐ | L45 | L44 and (statistical near5 analysis) | 28 |
| ☐ | L44 | (search near5 engines) and (rank$3 near5 list) and sort$3 and weight$1 and relevance and @py<=2003 | 141 |
| ☐ | L43 | L42 and curve and fitting | 2 |
| ☐ | L42 | L40 and (statistical near5 analysis) | 23 |
| ☐ | L41 | L40 and (estimat$3 near5 relevance) and (statistical near5 analysis) | 0 |
| ☐ | L40 | (rank$3 same sort$3) and algorithm$1 and (search near5 engines) and weight$3 and @py<=2003 | 173 |
| ☐ | L39 | (search near5 result$1) same (curve near5 fitt$3) | 2 |
| ☐ | L38 | L36 and (curve near5 fitt$3) | 0 |
| ☐ | L37 | L36 and (curve neaer5 fitt$3) | 0 |
| ☐ | L36 | L35 and @py<=2003 | 631 |
| ☐ | L35 | (rank$3) same (search engines) | 1592 |
| ☐ | L34 | L33 and regression | 9 |
| ☐ | L33 | L32 and rank$3 | 10 |
| ☐ | L32 | L31 and weight$1 | 17 |
| ☐ | L31 | (curve fitting) and (search engines) and @py<=2003 | 26 |
| ☐ | L30 | (curve fitting) and (search engines) and rank$3 and scor$3 and @py<=2003 | 7 |
| ☐ | L29 | (statistical near5 analysis) same (search near5 engines) and rank$3 and @py<=2003 | 7 |
| ☐ | L28 | (statistical near5 analysis) same (search near5 engines) and rank$3 and sort$3 and weight$1 and @py<=2003 | 0 |
| ☐ | L27 | (ranked lists) same (relevance near5 values) and (search near5 engines) and @py<=2003 | 2 |
| ☐ | L26 | L25 and (linear near5 regression) | 2 |
| ☐ | L25 | L24 and (weight$3 near5 values) | 40 |
| ☐ | L24 | (search engines) same (rank$3 near5 list$1) and @py<=2003 | 162 |
| ☐ | L23 | (search engines) same (rank$3 near5 list$1) and (relevance same rank) and regission | 0 |
| ☐ | L22 | (search engines) and (search near5 results) and algorithm$1 and statistics and curve and fitting and @py<=2003 | 4 |
| ☐ | L21 | (search engines) and relevance and weight$1 and (curve near5 fitt$3) and @py<=2003 | 3 |
| ☐ | L20 | (search engine$1) and (rank$3 near5 list$1) and Statistics and Curve and | 2 |

| | | | |
|---|---|---|---:|
| ☐ | L19 | Fitting and regression<br>(search engine$1) and (rank$3 near5 list$1) and sort$3 and merg$3 and weight$1 and Statistics and Curve and Fitting and regression | 2 |
| ☐ | L18 | L17 and (estimat$3 near5 factor$1) | 1 |
| ☐ | L17 | L16 and relevance | 18 |
| ☐ | L16 | L15 and (weight$1 near5 value$1) | 25 |
| ☐ | L15 | ((multiple) same (search engines)) and rank$3 and scor$3 and @py<=2003 | 181 |
| ☐ | L14 | (multiple) same (search engines) and rank$3 and scor$3 and @py<=2003 | 181 |
| ☐ | L13 | L10 and rank$3 and scor$3 | 1 |
| ☐ | L12 | L10 and rank$3 and scor$3 and weight$3 and relevance | 0 |
| ☐ | L11 | L10 and rank$3 and scor$3 and weight$3 and relevance and search and result$1 and list$1 | 0 |
| ☐ | L10 | (multiple and search$1 and engine$1).ti. and @py<=2003 | 21 |
| ☐ | L9 | L8 and (category near5 weight$1) | 7 |
| ☐ | L8 | L7 and (relevance near5 value$1) | 57 |
| ☐ | L7 | (multiple and search$3 and engine$1 and rank$3 and sort$3 and weight$3) and @py<=2003 | 1056 |
| ☐ | L6 | L4 and (search near5 result$1) | 2 |
| ☐ | L5 | L4 and (search near5 reult$1) | 0 |
| ☐ | L4 | L3 and sort$3 | 12 |
| ☐ | L3 | L1 and estimat$3 | 12 |
| ☐ | L2 | L1 and (estimat$3 near5 value$1) | 0 |
| ☐ | L1 | (search$3 and engine$1 and merg$3 and scor$3 and subset$1 and rank$3 and sort$3 and weight$4 and value$1 and relevance and regression) and @py<=2003 | 13 |

END OF SEARCH HISTORY

**RESULT LIST**
Approximately **65** results found in the Worldwide database for:
**engines** in the title AND **search** in the title or abstract
(Results are sorted by date of upload in database)

**11**  **Processing index action requests for search engines**
Inventor: WU YUH-CHERNG (US); GONG HUILING (US) Applicant:

EC: G06F17/30W1                    IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F17/30

Publication info: **US2005076022** - 2005-04-07

**12**  **Ranking of business objects for search engines**
Inventor: JANSSEN TATJANA (DE); KINDSVOGEL UWE  Applicant:
(DE); (+1)
EC: G06F17/30W1                    IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F17/30

Publication info: **US2005080774** - 2005-04-14

**13**  **Ranking of business objects for search engines**
Inventor: JANSSEN TATJANA (DE); KINDSVOGEL UWE  Applicant: SAP AG (DE)
(DE); (+1)
EC: G06F17/30S3                    IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F17/30

Publication info: **EP1505520** - 2005-02-09

**14**  **Concatenated multi-dimensional associative search engines**
Inventor: BEN-HAIM YANIV (IL); STARK MOSHE (IL)  Applicant: HYWIRE LTD (US)

EC:                                 · IPC: *G06F7/00*; G06F7/00; (IPC1-7): G06F7/00

Publication info: **US2005004908** - 2005-01-06

**15**  **ARCHITECTURE FOR NETWORK SEARCH ENGINES WITH FIXED
LATENCY, HIGH CAPACITY, AND HIGH THROUGHPUT**
Inventor: VENKATACHARY SRINIVASAN (US); GUPTA  Applicant: CYPRESS SEMICONDUCTOR CORP (US);
PANKAJ (US); (+1)                   VENKATACHARY SRINIVASAN (US); (+2)
EC: G06F17/30G3                    IPC: *G06F17/30*; G06F17/30; (IPC1-7): H04L12/56

Publication info: **WO2004114611** - 2004-12-29

**16**  **Converting object structures for search engines**
Inventor: IRLE KLAUS (DE); LU LIWEI (DE); (+2)  Applicant:

EC:                                 IPC: *G06F7/00*; G06F7/00; (IPC1-7): G06F7/00

Publication info: **US2005021542** - 2005-01-27

**17**  **Method and apparatus for a web page accessible by search engines**
Inventor: WESINGER RALPH E JR (US); COLEY  Applicant:
CHRISTOPHER D (US)
EC: G06F17/30W7                    IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F7/00

Publication info: **US2005119997** - 2005-06-02

**18**  **Image base inquiry system for search engines for mobile telephones
with integrated camera**
Inventor: NEVEN HARTMUT SR (DE)         Applicant:

EC:                                 IPC: *H04N5/232*; H04N5/232; (IPC1-7): H04N5/232

Publication info: **US2005185060** - 2005-08-25

**19**  **Method for estimating coverage of Web search engines**
Inventor: BHARAT KRISHNA ASUR (US); BRODER  Applicant:
ANDREI ZARY (US)
EC: G06F17/30W1                    IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F17/30

Publication info: **US2005055342** - 2005-03-10

**20**  **Implicit links search enhancement system and method for search
engines using implicit links generated by mining user access patterns**
Inventor: ZENG HUA-JUN (CN); XUE GUI-RONG (CN);  Applicant: MICROSOFT CORP (US)
(+2)

EC:

IPC: *G06F15/173*; G06F15/16; (IPC1-7):
G06F15/173

Publication info: **US2005071465** - 2005-03-31

**RESULT LIST**
11 results found in the Worldwide database for:
**rank** in the title AND **search** in the title or abstract
(Results are sorted by date of upload in database)

**1    System and method for user rank search**
Inventor: ALPERT SHERMAN R (US); COFINO THOMAS     Applicant: IBM (US)
A (US); (+3)
EC:                                                 IPC: *G06F7/00*; G06F7/00; (IPC1-7): G06F7/00

Publication info: **US2005256848** - 2005-11-17

**2    Systems and methods that rank search results**
Inventor: BRILL ERIC D (US); LIND JESPER B (US);     Applicant: MICROSOFT CORP (US)
(+3)
EC:                                                 IPC: *G06F7/00*; G06F7/00; (IPC1-7): G06F7/00

Publication info: **US2005234904** - 2005-10-20

**3    AUTOMATIC QUERY ROUTING AND RANK CONFIGURATION FOR
     SEARCH QUERIES IN AN INFORMATION RETRIEVAL SYSTEM**
Inventor: HERSCOVICI MICHAEL (IL); KRAFT REINER     Applicant: IBM (US)
(US); (+2)
EC: G06F17/30T1R; G06F17/30W1                       IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F17/30

Publication info: **US2005060290** - 2005-03-17

**4    Rank-based estimate of relevance values**
Inventor: SLACKMAN RICHARD O (US)                   Applicant: SBC INC (US)

EC: G06F17/30T1R                                    IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F17/30

Publication info: **US2004267717** - 2004-12-30

**5    Efficient similarity search and classification via rank aggregation**
Inventor: FAGIN RONALD (US); RAVIKUMAR              Applicant:
SHANMUGASUNDARAM (US); (+1)
EC:                                                 IPC: *G06F17/00*; G06F17/00; (IPC1-7): G06F17/00

Publication info: **US2004249831** - 2004-12-09

**6    Program for changing search results rank, recording medium for
     recording such a program, and content search processing method**
Inventor: SHIBATA RYU (JP)                          Applicant: FUJITSU LTD (JP)

EC:                                                 IPC: *G06F7/00; G06F15/00; G06F17/30* (+4)

Publication info: **US2004002945** - 2004-01-01

**7    RELATIONAL DATABASE, INDEX TABLE GENERATION METHOD IN
     THE RELATIONAL DATABASE, AND RANGE SEARCH METHOD AND
     RANK SEARCH METHOD FOR ITS RANGE SEARCH IN THE
     RELATIONAL DATABASE**
Inventor: JINNO KYOSHOKU; FUJIWARA SHUICHI          Applicant: KANET KK

EC:                                                 IPC: *G06F12/00; G06F12/14; G06F17/30* (+6)

Publication info: **JP2003186725** - 2003-07-04

**8    SYSTEM AND METHOD FOR RANK ESTIMATION AND SEARCH OF
     SMALL GROUP**
Inventor: PARK JIN SU (KR)                          Applicant: IT BANK KOREA CO LTD (KR)

EC:                                                 IPC: (IPC1-7): G06F17/60E

Publication info: **KR2001069675** - 2001-07-25

**9    METHOD FOR DETERMINING RANK IN DISPLAYING DIRECTORY OF
     SEARCH ENGINE**
Inventor: KIM CHANG SEOP (KR)                       Applicant: ACTIZEN COM CO LTD (KR)

EC:                                                 IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F17/30

Publication info: **KR2001088771** - 2001-09-28

**10** **USER QUERY GENERATE SEARCH RESULTS THAT RANK SET OF
SERVERS WHERE RANKING IS BASED ON COMPARING CONTENT ON
EACH SERVER WITH USER QUERY, FREQUENCY AT WHICH
CONTENT ON EACH SERVER IS ALTERED USING WEB CRAWLER IN
A SEARCH ENGINE**

Inventor: SCHUETZE HINRICH (US); PEDERSEN JAN (US)     Applicant: XEROX CORP (US)

EC: G06F17/30W1     IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F17/30

Publication info: **US6751612** - 2004-06-15

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Data supplied from the *esp@cenet* database - Worldwide

**RESULT LIST**
Approximately **65** results found in the Worldwide database for:
**engines** in the title AND **search** in the title or abstract
(Results are sorted by date of upload in database)

**1    Process for matching vendors and users of search engines so that
      more valuable leads are generated for vendors**
      Inventor: SUNDHARAM MANJULA (US)             Applicant:

      EC:                                          IPC: *G06F17/30*; G06F17/30

      Publication info: **US2006074890** - 2006-04-06

**2    Search engines and systems with handheld document data capture
      devices**
      Inventor: KING MARTIN T (US); GROVER DALE L (US); Applicant:
      (+2)
      EC:                                          IPC: *G06K9/34; G06F17/30*; G06F17/30 (+1)

      Publication info: **US2006023945** - 2006-02-02

**3    Use of image-derived information as search criteria for internet and
      other search engines**
      Inventor: BONCYK WAYNE C (US); COHEN RONALD H    Applicant: EVRYX TECHNOLOGIES INC
      (US)
      EC:                                          IPC: *G06K9/00; G06F17/30*; G06F17/30 (+1)

      Publication info: **US2006002607** - 2006-01-05

**4    METHOD FOR PRESENTING VISUAL ASSETS FOR SALE, USING
      SEARCH ENGINES**
      Inventor: GURA EYAL (IL)                      Applicant: PICSCOUT LTD (IL); GURA EYAL (IL)

      EC:                                          IPC:

      Publication info: **WO2005120163** - 2005-12-22

**5    Indexing and search system and method with add-on request, indexing
      and search engines**
      Inventor: MARTIN STEPHANE (FR); ALLYS GUILLAUME  Applicant:
      (FR); (+1)
      EC: G06F17/30H                               IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F17/30

      Publication info: **US2005234871** - 2005-10-20

**6    SEARCH ENGINES AND SYSTEMS WITH HANDHELD DOCUMENT
      DATA CAPTURE DEVICES**
      Inventor: KING MARTIN T (US); KUSHLER CLIFFORD A  Applicant: EXBIBLIO (US); KING MARTIN T (US); (+3)
      (US); (+2)
      EC:                                          IPC: *G06F7/00*; G06F7/00; (IPC1-7): G06F7/00

      Publication info: **WO2005098602** - 2005-10-20

**7    KEYWORD RECOMMENDATION FOR INTERNET SEARCH ENGINES**
      Inventor: MUKHERJEE SHOUVICK (IN); BHAYANI       Applicant: YAHOO & EXCL (US); MUKHERJEE SHOUVICK
      JAYESH VRAJIAL (US); (+2)                        (IN); (+3)
      EC:                                          IPC: *G06F17/30*; G06F17/30

      Publication Info: **WO2005091825** - 2005-10-06

**8    METHOD AND SYSTEM FOR RECORDING SEARCH TRAILS ACROSS
      ONE OR MORE SEARCH ENGINES IN A COMMUNICATIONS NETWORK**
      Inventor: HAMILTON NIGEL (GB)                 Applicant: HAMILTON NIGEL (GB)

      EC:                                          IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F17/30

      Publication info: **WO2005069161** - 2005-07-28

**9    Method and system for providing cascaded trie-based network packet
      search engines**
      Inventor: RICHARDSON NICHOLAS J (US)          Applicant: ST MICROELECTRONICS INC (US)

      EC:                                          IPC: *G06F17/30; H04L12/56*; G06F17/30 (+2)

**Publication info: EP1515500** - 2005-03-16

**10 USER-REQUESTED SEARCH OR MODIFICATION OF INDICES FOR SEARCH ENGINES**

Inventor: WU YUH-CHERNG (US); GONG HUILING (US) Applicant: SAP AG (DE); WU YUH-CHERNG (US); (+1)

EC: G06F17/30W1                    IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F17/30

**Publication info: WO2005020104** - 2005-03-03

Data supplied from the *esp@cenet* database - Worldwide